

In the Claims:

Please cancel claims 1-4, and 6- 13.

Please add the following claims 14-17.

Claim Status:

Claims 1-4 (Cancelled)

Claim 5 (Previously Amended) Platinum temperature sensor comprising:

- a ceramic substrate;

- a platinum thin-film resistor applied to the ceramic substrate;

- a ceramic cover layer; and

- a connecting layer made of a glaze that is applied to the ceramic substrate in a frame-like shape in a border area surrounding the platinum thin-film resistor by means of which the ceramic cover layer is connected with the ceramic substrate in such way that the platinum thin-film resistor is sealingly encapsulated with regard to the environment.

Claims 6-13 (Cancelled)

Claim 14 (New) Platinum temperature sensor according to claim 5 wherein the ceramic substrate is made of Al₂O₃.

Claim 15 (New) Platinum temperature sensor according to claim 5 wherein the ceramic cover layer is made of Al₂O₃.

Claim 16 (New) Platinum temperature sensor according to claim 5 wherein a sealing cover is applied to the outer peripheral edges of the layer structure consisting of ceramic substrate, connecting layer and ceramic cover layer.

Claim 17 (New) Platinum temperature sensor according to claim 16 wherein the sealing cover is made of glass.